



# SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR

Dist. Palghar, Maharashtra – 401 404.

Code No. 02525- 252163, Prin.: 252317, Resi.: 252316 Post Box No.: 02, E-mail : sdscollege@yahoo.com

## THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

### **PART – A**

#### **1. Details of the Institution**

1.1 Name of the Institution

SonopantDandekar Arts, V.S. Apte Commerce  
and M.H. Mehta Science College, Palghar(W),  
Dist. Palghar

1.2 Address Line 1

Kharekuran Road

Address Line 2

Palghar (W)

City/Town

Palghar

State

Maharashtra

Pin Code

401 404

Institution e-mail address

sdscollege@yahoo.com

Contact Nos.

Code No. 02525- College. 252163,  
Prin.: 252317. Resi.: 252316

Name of the Head of the Institution:

Dr. Hemant M. Pednekar

Tel. No. with STD Code:

02525-252317

Mobile:

9322273795

Name of the IQAC Co-ordinator:

Prof. Mahesh Deshmukh

Mobile:

9767276463

IQAC e-mail address:

naacsds@gmail.com

1.3 NAAC Track ID(For ex. MHCOGN 18879)

MHCOGN 10876

OR

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner-  
bottom  
of your institution's Accreditation Certificate)

1.5 Website address:

www.sdscollege.com



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Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

## 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	<b>B</b>	<b>72%</b>	<b>2004</b>	<b>5Years</b>
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC :  
DD/MM/YYYY

**20/06/2005**

1.8 AQAR for the year  
(for example 2010-11)

**2014-2015**

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR - 2009-1025-05-2015 (DD/MM/YYYY)
- ii. AQAR - 2010-1125-05-2015 (DD/MM/YYYY)
- iii. AQAR - 2011-1225-05-2015 (DD/MM/YYYY)
- iv. AQAR - 2012-1325-05-2015 (DD/MM/YYYY)
- v. AQAR - 2013-1425-05-2015 (DD/MM/YYYY)

## 1.10 Institutional Status

University	State	<input type="checkbox"/>	Central	<input type="checkbox"/>	Deemed	<input type="checkbox"/>	Private	<input type="checkbox"/>
Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
Constituent College	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Autonomous college of UGC	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>		
	Urban	<input type="checkbox"/>	Rural	<input checked="" type="checkbox"/>	Tribal	<input type="checkbox"/>		
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC2(f)	<input type="checkbox"/>	UGC 12B	<input type="checkbox"/>		
	Grant-in-aid+ Self Financing	<input checked="" type="checkbox"/>	Otally Self-financing	<input type="checkbox"/>				

## 1.11 Type of Faculty/Programme

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input type="checkbox"/>	PEI (PhyEdu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input checked="" type="checkbox"/>		

Other Specify

**Sub. Center for Yashwantrao Chavhan Maharashtra Open University, Nashik**

1.12 Name of the Affiliating University (for the Colleges)

**University of Mumbai**

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

**No**



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University with Potential for Excellence	<input type="text" value="Nil"/>	UGC-CPE	<input type="text" value="Nil"/>
DST Star Scheme	<input type="text" value="Nil"/>	UGC-CE	<input type="text" value="Nil"/>
UGC-Special Assistance Programme	<input type="text" value="Nil"/>	DST-FIST	<input type="text" value="Nil"/>
UGC-Innovative PG programmes	<input type="text" value="Nil"/>	Any other ( <i>Specify</i> )	<input type="text" value="Nil"/>
UGC-COP Programmes	<input type="text" value="Nil"/>		

## 2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="7"/>		
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>		
2.3 No. of students	<input type="text" value="1"/>		
2.4 No. of Management representatives	<input type="text" value="2"/>		
2.5 No. of Alumni	<input type="text" value="1"/>		
2.6 No. of any other stakeholder and community representatives	<input type="text" value="1"/>		
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>		
2.8 No. of other External Experts	<input type="text" value="1"/>		
2.9 Total No. of members	<input type="text" value="16"/>		
2.10 No. of IQAC meetings held	<input type="text" value="7"/>		
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="5"/>	Faculty <input type="text" value="2"/>	
Non-Teaching Staff	<input type="text" value="1"/>	Alumni <input type="text" value="1"/>	Others <input type="text" value="1"/>
2.12 Has IQAC received any funding from UGC during the year?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If yes, mention the amount	<input type="text" value="Rs. 30000/-"/>		

### 2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

- (ii) Themes
- |  |
|--|
| <b>1) One day seminar on Choice Based Credit System.</b><br><b>2) One day internal seminar on Quality Assurance.</b> |
|--|

### 2.14 Significant Activities and contributions made by IQAC

- IQAC prepared time table for academic year 2014-15.



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- IQAC formed various committees for smooth functioning of college.
- IQAC prepared academic calendar for year 2014-15.
- To bridge the gap both academia & industries, IQAC motivated faculty members to emphasis on application base research & also initiated the process of industrial tie up.
- IQAC put forward the need of vocational courses & other extension activities as a result of that IQAC prepared proposal for new PG programme&persuing the process aproval.
- To remote co-curricular activities & other skills, IQAC suggested college administration to conduct intercollegiate competition, as a result this college hosted elimination rounds of zone V of 47<sup>th</sup> youth festival.
- IQAC proposed the infrastructural modification in the campus.
- To inculcate the spirit of scientific research amongst the student the IQAC proposes the conduction of science exhibition in the vicinity.

## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
1. Academic calendar for year 2014-15 prepared by IQAC.	1. Academic calendar was prepared by IQAC as result of which various functions, seminars & guest lectures were conducted in academic year 2014-15 with proper planning.
2. Overall time table for lectures & practicals was designed by IQAC to put forward.	2. Overall time table for all faculties was designed by IQAC. It lead to smooth functioning of academics. Lectures & practicals were conducted according to the schedule without any clash. It helped in maintaining academic discipline in the college.
3. IQAC prepared proposal for new PG programmes like M.Sc. Biotechnology, M.A. Geography, PhD-zoology, PhD- Botany.	3. IQAC prepared & filed proposal for M.Sc. Biotechnology, M.A. Geography, Ph.D.- Zoology & Ph.D.- Botany. After successful pursuit college has started Ph.D. Geography, Ph.D.- Zoology, Ph.D.- Botany.
4. To prepare the faculty for the process of NAAC & re-accreditation.	4. As a result of sensitization of all faulty members for NAAC reaccreditation, we prepared all the required Annual Quality Assuarancereport on 25 <sup>th</sup> May 2015 & Self-Study report of institution. We are looking further for NAAC – Peer team visit.
5. To establish industrial tie-up with different industries in the vicinity.	5. Some of the Departments of college like Chemistry, Biotechnology, Information Technology, Computer Science & Department of Management have established a link up (tie up) with some of the industries like Anamol, Lupin, Accurex. Two students from biotechnology department got opportunity to work in AnmolDiagnostics as a trainee. Department of chemistry has established vary good contact with Lupin Pharma& had dialogue to start Advance diploma to bridge the gap both Industry&



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	Academia.
6. To strengthen placement cell & to place the students in the vicinity.	6. IQAC has formed & guided placement cell of college. IQAC is responsible for strengthening of placement cell & to place the students in various organizations our students from Department of IT has been placed in very good companies like Infosys.
7. To strengthen research activity.	7. College in collaboration with 'Enviro-Vigil' (ParyavaranDakshataManch) had organized one day national seminar on 2 <sup>nd</sup> Feb. 2015 i.e. on International Wetland Day. A district level science exhibition "Think out of the box" was organized by SonopantDandekar College & Lions Club of Palghar. Some of the faculty members applied for minor research project & completed it successfully.
8. To encourage students to participate in extracurricular activities.	8. College had hosted 47 <sup>th</sup> youth festival qualifying round of zone V. our students participated in various events & qualified for next round at university level.
9. Strengthening of Alumni.	9. In academic year 2014-15, a special alumni meet was organized on 12 <sup>th</sup> April 2015. Alumni from 1970 to 2015 were participated in this alumni meet.

\* Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

<p><b>Following suggestion are made by management after reading AQAR.</b></p> <ul style="list-style-type: none"> <li>• Management suggested to arrange training programmes or capacity building session for non-teaching &amp; administrative staff.</li> <li>• As stated in AQAR 13-14, Institute had applied to start new courses like M.Sc. Biotechnology, M.A. Geography, Ph.D.- Zoology &amp; Ph.D.- Botany. In this academic year 2015-16 college has already started with Ph.D. Geography, Ph.D.- Botany &amp; Ph.D.- Zoology. College has received permission to start law college.</li> <li>• As per the suggestion of management college had organized on day National Seminar on world for Environmental Health. One day state level workshop was organized ICSSR sponsored Two days National Workshop on Research Methodology was organised. The emphasis was given on SPSS (Statistical Package for Social Sciences) package for preparation of teaching aids for Geography &amp; other Science.</li> <li>• Management also suggested to start new certificate courses.</li> </ul>
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## PART – B

### CRITERION – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmers

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	03	--	--	--
PG	02	--	--	--
UG	03	--	04	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
<b>Total</b>	<b>08</b>	<b>--</b>	<b>04</b>	<b>--</b>
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options :**NIL**

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	<b>09</b>
Trimester	<b>Nil</b>
Annual	<b>03</b>

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback Online  Manual  Co-operating schools  (for PEI)

**\*Please provide an analysis of the feedback in the Annexure**

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

**Yes,**  
**75:25 Semester system.**

1.5 Any new Department/ Centre introduced during the year. If yes, give details.

**No**



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## CRITERION – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	<b>Total</b>	<b>Asst. Professors</b>	<b>Associate Professors</b>	<b>Professors</b>	<b>Others</b>
	<b>30</b>	<b>12</b>	<b>18</b>	--	--

2.2 No. of permanent faculty with Ph.D. 09

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	<b>12</b>	<b>10</b>	<b>19</b>	--	--	--	--	--	<b>31</b>	<b>10</b>

2.4 No. of Guest and Visiting faculty and Temporary faculty Guest -Nil    Visiting- 09    Ad hoc - 36

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	<b>03</b>	<b>17</b>	<b>05</b>
Presented papers	Nil	<b>07</b>	Nil
Resource Persons	Nil	Nil	<b>02</b>

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- **Demonstration using models & cards etc.**
- **Viewing & discussion of documentaries & movies (movie club).**
- **Industrial visits / training etc.**
- **Periodical test are conducted.**
- **Presentations given by students.**
- **Experts lectures on some difficult topics.**

2.7 Total No. of actual teaching days during this academic year 185

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions, Test Cards, DHP)

- **Institution is affiliated to University of Mumbai hence follow the rules & regulation prescribed by University for smooth conduction of examination.**
- **Institution practice 75:25 pattern of examination.**
- **Evaluation of student is based on both continous Assessment (Internal) 25 & the End of semester examination (External) with an allotment of 75 marks.**
- **In many departments the question paper is composed of 40% objective type question & 60% short type question.**
- **Periodical Tests are conducted by some departments.**

2.9 No. of faculty members involved in curriculum restructuring/ revision/syllabus development as member of Board of Study/ Faculty/Curriculum Development workshop

<b>PG-0</b>	<b>UG-08</b>
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2.10 Average percentage of attendance of students 75%



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## 2.11 Course/Programmewisedistribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
<b>Semester I Oct 2014</b>						
B.A.	318	-	3.14	5.66	9.43	22.96
B.Com.	404	-	4.21	7.43	18.32	15.84
B.Sc.	172	0.58	6.98	14.53	11.63	0.58
B.Sc.-IT	33	-	18.00	3.00	6.00	-
B.Sc.-CS	28	-	-	-	3.50	-
BMS	69	-	-	1.40	5.70	2.80
<b>Semester IIMarch 2015</b>						
B.A.	318	0.63	5.66	11.95	19.50	24.53
B.Com.	404	-	3.47	13.61	22.28	27.28
B.Sc.	172	0.58	21.51	24.41	11.63	1.74
B.Sc.-IT	34	2.90	14.70	14.70	7.35	-
B.Sc.-CS	28	-	-	7.14	3.50	-
BMS	69	-	-	7.24	4.34	15.94
<b>Semester III Oct 2014</b>						
B.A.	187	-	12.30	14.97	26.20	21.40
B.Com.	371	1.08	11.86	17.52	21.29	31.81
B.Sc.	146	0.68	15.75	19.86	20.55	2.74
B.Sc.-IT	39	-	33.33	33.33	2.50	-
B.Sc.-CS	07	-	-	-	14.28	-
BMS	53	-	3.70	3.70	11.32	18.86
<b>Semester IV March 2015</b>						
B.A.	187	-	20.32	26.74	24.60	16.58
B.Com.	371	2.96	14.02	20.22	21.02	35.31
B.Sc.	146	3.42	21.23	22.60	10.96	1.37
B.Sc.-IT	39	2.50	23.07	28.20	15.38	-
B.Sc.-CS	07	-	14.28	-	-	-
BMS	47	-	2.12	17.02	19.14	8.51
<b>Semester V Oct 2014</b>						
B.A.	169	2.30	22.48	28.40	14.70	3.50
B.Com.	339	3.80	15.00	14.45	13.20	3.50
B.Sc.	143	0.60	20.27	26.57	7.69	-
B.Sc.-IT	28	10.71	35.71	14.29	3.57	-
B.Sc.-CS	11	-	18.18	45.45	-	-
BMS	48	-	16.67	10.41	8.33	2.80
<b>Semester VI March 2015</b>						
B.A.	182	-	34.06	33.51	6.04	0.50
B.Com.	309	-	9.06	15.20	14.88	23.30
B.Sc.	143	-	32.16	29.37	13.20	0.60
B.Sc.-IT	28	-	28.57	32.14	-	-
B.Sc.-CS	11	-	9.09	18.11	-	-
BMS	52	-	3.08	11.53	19.20	5.70





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## 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

**IQAC provides a broad outline to departments which can be incorporated to improve teaching and learning experience.**

- IQAC members & departmental heads discuss future plans of the institution & prepare a road map for quality assurance & enhancement.
- Faculty members are motivated to design skill based & value added courses.
- Completion of daily teaching diary is mandatory for teaching faculty.
- IQAC emphasises on use of ICT in teaching method & periodically (frequently) motivated faculty members to explore avenues to enhance their teaching effectiveness.

## 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	<b>02</b>
UGC – Faculty Improvement Programme	<b>Nil</b>
HRD programmes	<b>Nil</b>
Orientation programmes	<b>01</b>
Faculty exchange programme	<b>Nil</b>
Staff training conducted by the university	<b>Nil</b>
Staff training conducted by other institutions	<b>Nil</b>
Summer / Winter schools, Workshops, etc.	<b>Workshops conducted in college – Research Methodology</b>
Others	<b>Nil</b>

## 2.14 Details of Administrative and Technical staff

<b>Category</b>	<b>Number of Permanent Employees</b>	<b>Number of Vacant Positions</b>	<b>Number of permanent positions filled during the Year</b>	<b>Number of positions filled temporarily</b>
Administrative Staff	<b>41</b>	<b>13</b>	<b>Nil</b>	<b>Nil</b>
Technical Staff	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>01</b>



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## CRITERION – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- IQAC focuses on research capacity building.
- Faculty members are encouraged to apply for major & minor research projects to various funding agencies like UGC, DST, University etc.
- Faculty members as well as students are motivated to undertake various projects at college level.
- College offers PhD courses in the field of Chemistry, Zoology, Geography & Botany.
- Research Committee has been formed at college.
- Institution has taken initiative to collaborate with industries in vicinity to start advanced instrumentation centre at college.
- Institution always motivate the faculty members to participate in various State, National, International conferences to present & publish papers in requested journals.
- ICSSR workshop on Research Methodology.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	Nil	Nil	Nil	Nil

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	Nil	Nil	Nil
Outlay in Rs. Lakhs	0.4	Nil	Nil	Nil

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	--	--	--
Non-Peer Review Journals	01	01	
e-Journals	--	--	--
Conference proceedings	--	--	--

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations.

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	---	--	---	---
Minor Projects	2014-2015	University of Mumbai	25000.00	25000.00
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the	--	--	--	--



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University/ College				
Students research projects (other than compulsory by the University)	--	--	--	--
Any other(Specify)	--	--	--	--
<b>Total</b>			<b>25000.00</b>	<b>25000.00</b>

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST

DPE  DBT Scheme/funds

3.9 For Colleges Autonomy  CPE  DBT Star Scheme

INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	Nil	01	Nil	Nil	01
Sponsoring agencies	Nil	Nil	Nil	Nil	Nil

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil



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Dist. Palghar, Maharashtra – 401 404.

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3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
01	Nil	01	Nil	Nil	Nil	Nil

3.18 No. of faculty from the Institution  
who are Ph. D. Guides

07

and students registered under them

03

3.19 No. of Ph.D. awarded by faculty from the Institution

Nil

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF 01    SRF Nil    Project Fellows 01    Any other Nil

3.21 No. of students Participated in NSS events:

University level 150    State level 02  
National level Nil    International level Nil

3.22 No. of students Participated in NCC events:

University level 54    State level 20  
National level 01    International level --

3.23 No. of Awards won in NSS :

University level Nil    State level Nil  
National level Nil    International level Nil

3.24 No. of Awards won in NCC events:

University level Nil    State level Nil  
National level Nil    International level Nil

3.25 No. of Extension activities organized :

University forum 01    College forum Nil  
NCC Nil    NSS 19    Any other Nil

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Efforts are made to Institutional social responsibilities to promote conservation of environment & to protect it institution in collaboration with Evniro-vigil had organized one day national conference “Wetlands for environmenatal Health” on 2<sup>nd</sup>Feb. 2015 i.e. on world wetland day.
- Our NSS unit along with Primary Health CenterPalghar had organized awareness rally on 1<sup>st</sup> Dec. 2014 i.e. on World AIDS Day.
- 70 volunteers helped Doctors to serve poor & needy patients of palghar district in Life Line Express from 10<sup>th</sup> Jan 2015 to 30<sup>th</sup> Jan 2015.
- National Service Scheme volunteers played active role in the campaigning of “mera vote mera haq”. About 10 volunteers had set street play ‘मतदारजागहो’ (wake up boter or voters..... wake up) & presented it on various venues to make people aware of the right of voting.
- Our NSS & NCC units were involved in cleanliness drive.
- NSS volunteers played important role in mob control during Ganesh Visarjan.



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## CRITERION – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	85848.181 Sq.mt.	--	--	--
Class rooms	40	--	College Fund	40
Laboratories	19	--	College Fund	19
Seminar Halls	03	--	College Fund	03
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	Nil	--	Nil	Nil
Value of the equipment purchased during the year (Rs. in Lakhs)	Nil	--	--	--
Others	--	--	--	1314137.42

#### 4.2 Computerization of administration and library

- Annual accounts, Financial statements, Salaries received from the government, Provident fund, Arrear bills, Income tax have been computerized through administration.
- Exam section is fully computerized. Hall tickets, Marksheets are generated on computer.
- Library has been automated using the library management software SOUL. This system is inclusive of OPAC (Online Public Access Catalogue). SOUL is a user friendly software designed to take care of all the administrative & management functions of the library. It organizes & manages the information of Books, Articles, Journals & Circulation in a most economical & effective manner.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	29586	2418816	1452	217895	31038	2636711
Reference Books	53162	5634830	1042	439330	54204	6074160
e-Books	90000	5000	--	--	90000	5000
Journals	115	106010	3	63295	118	169305
e-Journals	2200	5000	--	--	--	5000
Digital Database	--	--	--	--	--	--
CD & Video	709		11		820	
Others (specify)				725520		8895176



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4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	211	135	211	03	03	27	48	01
Added	--	--	--	--	--	--	--	--
Total	211	135	211	03	03	27	48	01

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

**Organized by University of Mumbai to learn Library Management Software SOUL.**

4.6 Amount spent on maintenance in lakhs :

i) ICT	24500
ii) Campus Infrastructure and facilities	1435188
iii) Equipments	Nil
iv) Others	1314137.42
<b>Total :</b>	<b>2773825.42</b>



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## CRITERION – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Institution has formed different cells & committees for supporting students with their successful college transactions. These cells are playing important role in increasing students academic & social confidence. Various cells formed at the college are BC Cell, Women's Development Cell, Unfair mean Committee, Grievance Cell, Research & Development Committee, Placement Cell etc. These committee are helping the students generation learners, low income, former foster youth & physically challenged student. Special staff prizes are given to the students with academic excellence.

#### 5.2 Efforts made by the institution for tracking the progression

- College has developed its own progression tracking system. Respective department connect the passed out students through (via) social media & always be in touch with them. Data has been collected. Some of the senior faculty members as well as alumni members are playing important role in making track of progression for students.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2639	62	03	--

(b) No. of students outside the state

10

(c) No. of international students

Nil

Men

No	%
--	--

Women

No	%
--	--

Last Year (2012-2013)						This Year (2013-2014)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
869	101	504	663	--	2137	976	124	620	723	--	2443

Demand ratio 48:1

Dropout% --

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

**Competitive exam cell has been formed in the college in academic year 2014-15. About 100 students has registered this cell. Lectures are conducted on regularly.**

No. of students beneficiaries

20

#### 5.5 No. of students qualified in these examinations

NET	01	SET/SLET	Nil	GATE	Nil	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	Others	Nil

#### 5.6 Details of student counseling and career guidance

- **Student Counselling Cell:**  
Student counselling cell extends (provides) counselling assistance to students with



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psychological, academic & social concerns student counselling cell has been formed in the college.

• **Career Guidance Cell:**

The college has career guidance cell. Career guidance cell functions in co-ordination with placement cell. To guide the students about the career opportunities available in the vicinity. Placement cell contacts with industries & other organizations to arrange campus interview or sends student for club campus interview.

No. of students benefitted

50

### 5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
Nil	Nil	Nil	03

### 5.8 Details of gender sensitization programmes

Sr. No.	Date	Activity	Target Group	Resource person
1	10 <sup>th</sup> January 2015	Lecture on Women Empowerment	College Students	SushilaMunde, SurekhaBhapkar, Krishna Chandgude& Prasad Khule
2		लेकलाडकी (LEk Ladki)		--
3		Exhibition on self defence.		

### 5.9 Students Activities

#### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level 04 National level 01 International level Nil

No. of students participated in cultural events

State/ University level 20 National level Nil International level Nil

#### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level Nil National level 01 International level Nil

Cultural: State/ University level Nil National level Nil International level Nil

### 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	Nil	Nil
Financial support from government	2195	5580805
Financial support from other sources (HPCL Scholarship, EBC/STC)	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil





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5.11 Student organised / initiatives

Fairs: State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed



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## **CRITERION – VI**

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the institution**

##### **VISION**

- SonopantDandekarShikshanMandali'sSonopantDandekar Arts, VamanShridharApte Commerce and M.H.Mehta Science College is set up at Palghar, District Palghar with vision 'Higher education to all'.

##### **MISSION**

- The mission of SonopantDandekar College is to empower rural & tribal youth especially women folk.
- To provide higher education to each & every students in the Palghar district especially those belonging to poor strata of society, who are first generation learners and deprived of education from past so many years.

#### **6.2 Does the Institution has a management Information System**

The college has developed a system of participative management. All key constituents of the college are involved in the decision making process. The decision making is properly systemized &chanallised with the appropriate flow of information. The suggestion given by the management committee are implemental by the various cells & administrative committee under the guidance of principal.

Principal of the college ensures smooth working and co-ordination of all the department. To maintain harmony& co-ordination principal conducts meetings at different levels. For the smooth & effective functioning of the college, interactions with stakeholders comprising of faculty, parents , alumni & students are regularly organized. Inductions are arranged for first year students.

#### **6.3 Quality improvement strategies adopted by the institution for each of the following:**

##### **6.3.1 Curriculum Development**

College is affiliated to University of Mumbai, college follows the curriculum prescribed by University of Mumbai. Most of the senior faculty members are involved in curriculum development of University of Mumbai. Some of the senior faculty members are involved in Board of Studies of various Subjects; & they have participated actively in framing syllabus.

##### **6.3.2 Teaching and Learning**

Teachers are always motivated to use innovative teaching methodologies. Teachers are encouraged to attend various seminars & workshops related to teaching skills. Advanced techniques like Powerpoint Presentation, Audio-Visuals, Flash Cards, Formation of movie club & Language lab have been used. Along with traditional chalk & talk type.

##### **6.3.3 Examination and Evaluation**

The Evaluation processes consist of continuous Assessment & Semester examinations. The college has acquired credit based grading system. Revised pattern of 75 (external) & 25 (internal) marks. Internal assessment is done by class test, assignments & projects. Students are given assignments, projects etc. semester end test is conducted at the end of each semester. Papers are set as per university forms & pattern prescribed by University of Mumbai. Innovative and environment friendly system of 'Test Cards' is used in various subjects for periodic tests.

##### **6.3.4 Research and Development**

Research in the college has been given a strong thrust since last few years. There has been focused on advanced research in the college. College has stated communication with industries in



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the vicinity & seeking for financial aid & sponsorship for certain installation of advanced instruments like HPCL in the research laboratory. Management is also having dialogue with pharmaceuticals like 'Lupin'. In academic year 2014-15 college hosted self funded National Conference on 'Wetlands & Environmental Health'. Many young faculty members are registered for PhD & have presented papers in various national & international conferences & also published papers/articles in well known journals. Faculties are encouraged to attend National & International Conferences & Seminars.

## 6.3.5 Library, ICT and physical infrastructure / instrumentation

**Library** – Institution has well organized library with good backup of internet. Networking facilitates, access of information on various types such as online databases, e-journals, e-books. Library has Library Management System Soul-2 with INFLIBNET facility. Every year library does purchase new reference books. Library organizes exhibition of available books. To enhance the interest of students in reading, every year Library declares best reader award.

**ICT**–The institution adopts policies & strategies for adequate technology deployment & maintainance. The ICT facilities are available for learning as well as for administrative work. The staff & students have access to internet. All laboratories & research labs are connected with LAN. They are provided with internet connection. College has two well equipped seminar halls. College has LED projectors. Teachers use ICT effectively in their teaching. College has three Information Technology Laboratories.

**Physical Infrastructure / Instrumentation** – College has very spacious campus which is flourished in about 21 acres of land. College has open air theatre of about the capacity of 1000 students. College has two seminar rooms, audio-visual rooms, classrooms, well equipped laboratories, well furnished staff rooms. College has two separate administrative wings for aided & unaided division. College has two common rooms for girls. Well equipped Gym & Yoga centre are constructed for students, faculty members as well as for the other members in the society. The institution has very good playground & special Gymkhana building for indoor games. Library & three computer labs could be used as browsing centres. We have developed 'VidyarthiGrahakBhandar' a stationary shop to meet the needs of students. College has Xerox centre. The institution has hygienic canteen which serves healthy, tasty and quality food at cheaper rates. RO System for Drinking water has been installed.

A separate building for unaided courses has been constructed. In order to ensure safety & security of the campus community, the college is under central surveillance with the installation of CCTV at several locations on campus. Fire extinguishers have been installed on campus & students & staff have been trained in handling these equipment. In order to respond the growing importance & need for quality research college has set up central research lab. with some advanced instruments.

## 6.3.6 Human Resource Management

At the end of each academic year the management committee reviews the existing positions & vacancies of teaching & non teaching positions. The management makes appointments through procedures prescribed by university & UGC. Class III & Class IV employee are motivated for career advancement. Teaching faculty is appointed as an examiner to conduct exams like MTS, UPSC, MH-CET etc.

## 6.3.7 Faculty and Staff recruitment

**Faculty & staff recruitment** is done by management following guidelines prescribed by University of UGC. Management is inclined to recruit 100% qualified staff. The college follows systematic faculty selection process. Advertisement for the vacancy is released in leading local & national news papers after obtaining approval of posts through



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roster. Ad-hoc posts are filled through walk in interviews.

### 6.3.8 Industry Interaction / Collaboration

- The college has tied up with many industries in the vicinity. The college has signed up MOU with Lupin Pharmaceuticals to sponsor Lupin scholarship for the top rank holders in the subject of chemistry. At BSc. Level to complete his / her education. College is also looking forward to establish Advance research lab and a short term course on Advanced Industrial Chemistry + Industrial Safety + Kuoni + North Arrow GIS in collaboration with Lupin Pharmaceuticals. Some of the students from department of Biotechnology has joined Anamol diagnostics as a trainee. In year 2014-15.

### 6.3.9 Admission of Students

- The college follows guidelines of University of Mumbai for admission process. First year admission is merit based. Norms for reservation prescribed by authorities are followed in the process of admission.

### 6.4 Welfare schemes for

Teaching	Loans are given by Co-operative Credit Society organized by college staff.
Non Teaching	Loans are given by Co-operative Credit Society organized by college staff.
Students	Various scholarships are offered to students to complete their studies. Special prizes are allotted to Needy and poor students. Special scholarships are offered to the Promising students. Some of the faculty members pay fees of very poor students as well as management gives concession in fees. College allows student to pay fees in instalments. HPCI scholarship is given to SC students.

### 6.5 Total corpus fund generated

1000000/-

### 6.6 Whether annual financial audit has been done

Yes

No

### 6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	No	--
Administrative	No	--	No	--

### 6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes

Yes

No

For PG Programmes

Yes

No

### 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NA

### 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA



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## 6.11 Activities and support from the Alumni Association

Yearly meet of alumni association is organized by college. Alumni association is playing very important role in the development of college as some of the alumni have helped to improve financial status of the institution where as some of the alumni are playing important role in offering placements to the students. Allumni association is playing important role in overall development of the institution.

## 6.12 Activities and support from the Parent – Teacher Association

College arranges annual meeting of parent teacher association.

## 6.13 Development programmes for support staff

- Sessions on stress management for administrative staff was conducted.
- Some of the support staff members are encouraged to upgrade their educational qualification by allowing them to admit in Yeshwantrao Chavan Open University.
- College also allows staff members to attend various training sessions organized by University of Mumbai or by other colleges for upliftment of their skills and to learn new softwares and techniques.

## 6.14 Initiatives taken by the institution to make the campus eco-friendly

- Our college practices 'Green Campus' theme.
- College campus is Green campus.
- College has botanical garden with variety of medicinal plants.
- In our rural development department we prepare wormicompst from last few years.
- Solar energy is used for college street lights.
- College don't have specific mechanism for rain water harvesting but we have constructed chanel and contour trenches through which maximum water is allowed to percolate in the soil.



Criterion – VII

**7. Innovations and Best Practices**

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

**Hypnotism (Hypnosis for Stress management)**

The institution always tend to implement some innovative ideas in every academic year. In academic year 2014- 15 the principal of the college Dr. Hemant Pednekar emphasised on Stress management of students and college faculty as well as sub-staff. College arranged some sessions on 'Hypnotism for Concentration and Stress management'. A guest lecture of famous Hypnosis expert Mr. Manohar Naik was arranged for students as well as faculty members and substaff. The Principal of the college played an important role by conducting number of sessions on hypnosis. He taught student about self hypnosis and use of hypnosis in improvement of concentration in studies, as a stressbuster. Number of students benefitted from these sessions. They experienced some positive changes in their personality. It helped them a lot specifically in their academic growth.

**Sex Education**

Teaching about sexuality encourages students to develop a coherent set of personal values based upon respecting themselves and others. Students who understand and value themselves and others are better equipped to develop meaningful and respectful relationships. They are able to take a positive approach in managing their lives and develop the necessary skills to prepare them for current and future life challenges. Sex education is a kind of holistic education. It teaches an individual about self-acceptance and the attitude and skills of interpersonal relationship. It also helps an individual to cultivate a sense of responsibility towards others as well as oneself. It is essential to make aware the youth about the relationship and responsibilities towards their parents and society. Keeping these objectives in mind college has started Sex education classes from this academic years. Many sessions have been arranged for students.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

In order to strengthen the research activity, core research committee has been formed in the college. Teachers are motivated to attend workshops and conferences at national and international levels. In academic year 2014-15 our college again hosted Youth Festival organized by University of Mumbai. It is consecutive year our college is hosting youth festival. In order to start some new courses and courses at the post graduate level proposals have been prepared and sent to the respective authority for approval and college administration is in pursuit of these proposals. College is expecting to face NAAC in this academic year. AQAC has prepared Self study report and institution is preparing for peer team visit.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

*\*Provide the details in annexure (annexure need to be numbered as i, ii, iii)*



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## 7.4 Contribution to environmental awareness / protection

College practices green campus theme. Students are requested to avoid the use of plastic as far as possible. Environmental Science is applied subject for all biological sciences at graduate level. NSS volunteers are actively involved in various awareness programmes on serious environmental issues. Every year they plant about 300 saplings at various sites.

## 7.5 Whether environmental audit was conducted?

Yes

No

## 7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

### STRENGTH :

- Holistic educational experience.
- Strong commitment to community ,service, social justice and empowerment of women.
- A strong focus on high quality , student centred teaching process.
- Dedicated and experienced staff members.
- Beautiful academic environment.
- Modern infrastructural facilities – i.e. Computer internet

### WEAKNESSES :

- Students we get are from rural background and most of them are commuting from very remote place.
- Most of the students being Adivasi have inferiority complex and they have problem of communication especially in English

### OPPORTUNITIES :

- Increasing possibilities for partnerships, signing MOUs and establishing collaborations with for setting up research facilities of world class standard.
- To emerge as an one of the pioneer educational organization in the newly formed Palghar district.

### THREATS :

- Growing competition in the field of education.

## 8.Plans of institution for next year

- 1]To get the good accreditation from NAAC
- 2] To start postgraduate and Doctorate courses in all the subjects.
- 3] To Strengthen research.
- 4] To make placement functional and active.
- 5] To develop industrial contacts and accordingly to sign MOU.
- 6] To improve the standard of teaching.
- 7] To extend infrastructural facilities.
- 8] To enhance consultancy services.



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Name \_\_\_\_\_

Name \_\_\_\_\_

\_\_\_\_\_  
*Signature of the Coordinator, IQAC*

\_\_\_\_\_  
*Signature of the Chairperson, IQAC*

\*\*\*  
\_\_\_\_\_





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**Annexure I**

**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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**IQAC COMMITTEE MEMBERS**

**2014-2015**

**IQAC CHAIRMAN**

DR. HEMANT PEDNEKAR

**IQAC CO-ORDINATOR**

PROF. MAHESH DESHMUKH

**MEMBERS (TEACHERS)**

DR. KIRAN SAVE  
PROF. V. M. PURANIK  
DR. S.M. PITALE  
PROF. B. N. JAISWAL  
PROF. TANAJI POL  
PROF. HARSHAD VANMALI  
PROF. SHREYA MISHRA

**ADMINISTRATIVE/ TECHNICAL STAFF**

Mr. PRAKASH K. CHABKE  
Mr. HIMANSHU R. PATIL

**STUDENTS**

MISS. PRADNYA P. PATIL

**MANAGEMENT REPRESENTATIVES**

MR. HITENDRA D. SHAH  
PROF. ASHOK THAKUR

**ALUMNI**

MR. SACHIN KORE

**STAKEHOLDER AND COMMUNITY REPRESENTATIVES**

MR. DARRYL DMELLO, PRESIDENT PALGHAR DISTRICT ASSOCIATION

**EMPLOYERS/ INDUSTRIALISTS**

MR. KIRAN SHAH

**EXTERNAL EXPERTS**

DR. PRAMILA RAUT, PRINCIPAL, P.L. SHROF COLLEGE, CHINCHANI



## ANNEXURE – II

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

<b>Title of the practice :</b>
<b>BEST OF WASTE - VermiCompost Plant ( Worm Compost Plant)</b>
<b>Goal :</b>
<ul style="list-style-type: none"><li>• To facilitate natural digestion of organic waste created in the campus due to various activities.</li><li>• To develop ecofriendly culture in the college.</li><li>• To produce high quality manure for plantation available in the college campus.</li><li>• To get best of the waste.</li></ul>
<b>Context :</b>
Sonopant Dandekar College is located in about 21 acres of area. About 10,000 students inclusive of Yashwantrao Open University Students are on roll. The college has very large span of area under plantation. Along with this plants college has additional Farm and Chiku (Sapodila) Farm. As a result of which a large amount of organic waste is produced in the form of fallen leaves, rotten fruits, papers etc. Waste produced from canteen adds to it. There is a problem of safe disposal. So management and principal took initiative to develop a vermiculture plant in the Rural development Center of College.
<b>The Practice :</b>
As suggested by management and prescribed by experts Vermi-Compost pit has been designed in the Rural Development Center of College. The landfill for pit is collected from the entire college campus. The landfill of pit consists of fallen leaf, garbage, waste material from canteen, animal waste and Gobar etc. This filling is arranged in a pit in the form of layers for composting so as to fasten the rate of decomposition. Earthworms are added to the same pit. Favourable temperature is maintained and moisture is maintained by sprinkling water after specific span of time. Special staff has been appointed to maintain this Vermicompost plant.
<b>Evidence of Success :</b>
<ul style="list-style-type: none"><li>• Good quality of compost manure production has been accomplished.</li><li>• It helps in cleaning of college campus at very low cost.</li><li>• As a result of quality manure campus has been turned in to the Green Campus.</li><li>• It is cost effective process.</li></ul>
<b>Problems Encountered and Resources Required :</b>
No such problem was encountered in accomplishment of this project as space and technology was made available by college management.



# SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR

Dist. Palghar, Maharashtra – 401 404.

☎ Code No. 02525- 252163, Prin.: 252317, Resi.: 252316 Post Box No.: 02, E-mail : [sdsmcollege@yahoo.com](mailto:sdsmcollege@yahoo.com)

## Title of the practice :

**Think Out Of The Box - A District Level Science Exhibition.**

## Context :

Palghar is Newly formed district. Sonopant Dandekar is one of the pioneer institution in the field of education. The college organizes different types of programmes which are important from institutional social responsibilities. Our Extension divisions ( NCC,NSS,DLLE) are the step ahead in arrangement in of such programmes. To enhance the knowledge and skill,interest in science,to make them realize the interdependence of science, technology and society and the responsibility of the scientists of tomorrow the College in collaboration with Lions Club of Palghar planned to organize this district level science exhibition. Such an exhibitins are very important for students and youth to understand about the role of science and technology to meet the needs of society. Scinece ehxhibition is also important to make the youth understand that science and technology are instrument for achieving self reliance in socio – economic development. In order to inculcate the scientific instinct in youth this science exhibition think out of the box had been organized.

## The Practice :

On 12<sup>th</sup> and 13<sup>th</sup> December 2014 a two day district level Science exhibition “Think Out Of the Box” was organized. The exhibition was divided in to three segments like School section, Junior college section and Senior Section. Participants presented their innovative ideas in form of models which were based on scientific rules and engineering principles. To judge the competition renowned scientist Dr. Y.S.R.Prasad from ISRO along with young zoologist Dr. R.N.JAdhav were present. There was no registration fee. Participation to this event was absolutely free of cost. Attractive prizes were given to motivate future sceintist of India.

## Evidence of Success :

- Overwhelming response to district level science exhibition.
- About 100 teams participated from newly formed Palghar district at various levels.
- Renowned Scientist Dr.Y.S.R.Prasad from ISRO visited and Judged the exhibition.
- Many citizens and students from different schools visited the exhibition on 12<sup>th</sup> and 13<sup>th</sup> December which was an initial step to promote science culture in the society.
- Date of next ‘Think out of the box’ was declared in the valedictory function.

## Problems Encountered and Resources Required :

No as such problem was encountered in organizing district level science exhibiton as infrastructure required was provided by management and Lions Club of Palghar.